

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 12 Dec 2021 until 23:59 on Monday 13 Dec 2021

Forecast Issued on Saturday 11 Dec 2021 at 14:42

Confidence: Generally high confidence in the forecast story for the next few days but there is some uncertainty in timings and location of rain bands over the UK next week.

Headline for Sunday 12 Dec 2021: Low cloud with outbreaks of rain. Windy later.

Mountain weather hazards on Sunday 12 Dec 2021

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

Low Likelihood

Severe chill effect

No Likelihood

Poor visibility

High Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Mist	Fog	Light rain	Light rain	Light rain	Cloudy	Cloudy	Light rain
Precipitation probability							
30%	30%	60%	80%	70%	40%	40%	60%

Forecast for Sunday 12 Dec 2021

Weather: Cloudy with patchy light rain or drizzle in the early hours, becoming persistent and heavier in the morning. Rain turning light and patchy again in the afternoon with bright intervals possible. Southerly gales later.

Chance of cloud free mountain/hill tops above 600m: 20%. Best chance in afternoon over eastern hills.

Visibility: Very poor at height with areas of low cloud and fog above 300 or 400m. Patchier cloud and higher bases at times across eastern hills, especially in the afternoon. Below the cloud, hazy, occasionally a few km in rain or drizzle.

Forecast for Sunday 12 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/25 W	14/19 SW	13/18 SW	11/15 SW	17/24 S	21/31 SW	22/32 SW	25/37 S	28/41 SW
300	12/26 W	8/19 W	5/13 SW	4/12 S	8/20 S	13/29 SW	13/28 S	15/32 S	19/39 SW
Valley	8/20 W	5/15 SW	2/9 SW	4/10 S	6/17 S	11/26 SW	10/25 S	13/30 S	15/34 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/3	6/2	6/2	5/2	7/2	8/3	7/3	7/2	6/1
300	9/6	8/6	7/6	7/6	8/7	10/7	9/7	9/6	9/5
Valley	10/8	9/7	8/8	8/7	10/8	11/9	11/9	10/8	10/7
Freezing Level*	2100m	1900m	1800m	2200m	2200m	2000m	1800m	1700m	1700m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A damp day with poor visibility over most hills but drier in the afternoon. Note the winds strengthening through the afternoon with gales on the tops later.

Recent rainfall: measured at Malham: altitude 375m

Recorded at
15:00 on Sat 11 Dec 2021

Last 24 hours:
0mm

Last 48 hours:
0mm

Last 72 hours:
0mm

Forecast for Monday 13 Dec 2021

Weather: Rain and strong winds easing overnight. A dry and bright morning then cloudy in the afternoon but mostly dry. Rain and summit snow may spread up into the south for a time in the evening but details of this remain uncertain.

Maximum wind: South or Southwest 40mph gusts 55mph in early hours, decreasing to 10-15mph in the morning.

Chance of cloud free mountain/hill tops above 600m: 20% at midnight, becoming 90% by morning.

Visibility: Poor on the tops overnight. Very good visibility during the day with summits expected to be clear. Perhaps poor again in the south in the evening.

Temperature: **Valleys:** Plus 4C rising to 7C.
At 600m: Plus 6C overnight, falling to Plus 3C.
Freezing level: Above summits.